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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/470,009	
Filing Date	12/22/1999	
First Named Inventor	Jeong S. Lee	RECEIVE
Art Unit	1614	FEB 2 5 2001
Examiner Name	Ann Y. Lam	
Attorney Docket Number	ACSC 67363 (1	584P)

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Amendment /	Reply	F	Petition			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
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	SIGNATUR	RE OF AF	PLICA	NT, ATTORNEY, OR A	GENT		
Firm or Individual name FULWIDER PATTON LEE & UTECHT, LLP Gunther O. Hanke, Reg. No. 32,989							
Signature The House							
Date February 5 , 2004							
CERTIFICATE OF TRANSMISSION/MAILING							

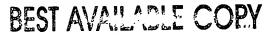
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sufficient postage as first cla	ass mail in an envelope addressed	d to: Commissioner for Patent	ts, P.O. Box 1450, Alexar	ndria,VA 22313-1450 on the
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Typed or printed name Gunther O. Hanke, Reg. No. 32,989

Signature Date February 5, 2004

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PTO/SB/17 (10-03)
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Patent Approved for use through 07/31/2006. OMB 0651-0032
Patent Approved for use through 07/3

FEE TRANSMITTAL	Complete if Known					
	Application Number	09/470,009	RECEIVE			
for FY 2004	Filing Date	12/22/1999				
Effective 10/01/2003. Patent fees are subject to annual revision.	First Named Inventor	Jeong S. Lee	FFB 2 5 200			
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name	Ann Y. Lam	·			
	Art Unit	1641				
TOTAL AMOUNT OF PAYMENT (\$) \$180.00	Attorney Docket No.	ACSC 67363 (1584P)				

METHOD OF PAYMENT (check all that apply)	nat apply) FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:	Large E Fee	arge Entity Small Entity Fee Fee Fee Fee Foo Description Fe				
Deposit	Code 1051	(\$)	Code 2051	(\$)	Fee Description Surcharge - late filing fee or oath	Fee Paid
Account Number 06-2425	1051	50	2052			
Deposit Account FULWIDER PATTON					sheet	
Name	1053	130	1053		Non - English specification	
The Director is authorized to: (check all that apply)		2,520			For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge any additonal fee(s) or any underpayment of fee(s)	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month	
to the above-identified deposit account.	1252	420	2252	210	Extension for reply within second month	
FEE CALCULATION	1253	950	2253	475	Extension for reply within third month	
1. BASIC FILING FEE Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description	1255	2,010	2255	1,005	Extension for reply within fifth month	
Code (\$) Code (\$) Fee Paid 1001 770 2001 385 Utility filing fee	1401	330	2401	165	Notice of Appeal	
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1002 570 2002 170 Besign ming fee	1403	290	2403	145	Request for oral hearing	
1004 770 2004 385 Reissue filing fee	1451	1,510	1451	1,510		
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	W	
SUBTOTAL (1) (\$) \$0.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND	1501	1,330	2501	665		
Fee from	1502	480	2502	240		
Extra Claims below Fee Paid Total Claims -20** = 0 X = 0.00	1503	640	2503	320		
Independent 3** = 0 X = 0.00	1460	130	1460	130	* OFD C 4 47(a)	
Claims =	1807	50	1807	50		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Statement	180.00
Fee Fee Fee Fee Description Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	in the second second	
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)	
over original patent	1802	900	1802	900	Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Oth	er fee	(specify	/)	of a design application	
SUBTOTAL (2) (\$) \$0.00						
**or number previously paid, if greater, For Reissues, see above	*Re	duced	by Bas	ic Filing	Fee Paid SUBTOTAL (3) (\$)	\$180.00

Complete (if applicable) SUBMITTED BY Registration No. (Attorney/Agent) (310) 824-5555 32,989 Telephone Gunther O. Hanke Name (Print/Type February 5, 2004 Date Signature Koru

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Gunther O. Hanke, Reg. No. 32,989

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

: 09/470,009

Applicants

: Jeong S. Lee et al.

Filed

: December 22, 1999

Title

: NON-METAL REINFORCING MANDREL

Art Unit

1641

Examiner

: Ann Y. Lam

Docket No.:

: ACSC 67363 (1584P)

Customer No.

: 24201

AMENDMENT AND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Amendment is responsive to the Office action of November 5, 2003, the response for which is due February 5, 2004. Please amend and reconsider the above-referenced application.